

Converting Colors

CIELCh(54, 45.565, 150.522)

Have a look what the booklet for
CIELCh(54, 45.565, 150.522)
contains.

CIELCh(54, 45.254, 150.779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 45.254, 150.779)

Conversions

Conversions Part 1

Format	Color
Hex	399159
RGB	57, 145, 89
RGB Percent	22%, 57%, 35%
CMY	0.7749, 0.4299, 0.6496
CMYK	0.61, 0.00, 0.39, 0.43
HSL	142°, 43%, 40%
HSV	142°, 61%, 57%
XYZ	13.7110, 21.9746, 13.0457
YIQ	112.3040, -34.4720, -36.0720

Conversions

Conversions Part 2

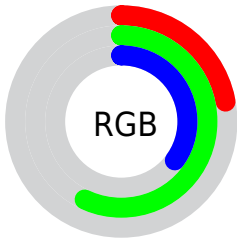
Format	Color
RYB	57, 122, 145
Decimal	3772761
CIELab	54.00, -39.50, 22.09
CIELCh	54, 45.254, 150.779
Yxy	21.9746, 0.2814, 0.4509
Android (android.graphics.Color)	4281962841 (0xFF399159)
YUV	112.3040, -11.4889, -48.5016
Hunter-Lab	46.8770, -29.8254, 16.3137

Details

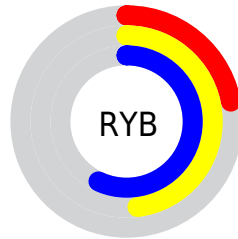
The CIELCh color $54, 45.254, 150.779$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $38, 45.779, 342.319$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 45.764, 150.595$, and $34, 43.154, 148.516$ is the 20% darker color. If you saturate the color by 10%, you get $53, 51.483, 149.206$, and if you desaturate by 10%, it is $55, 38.458, 152.166$.

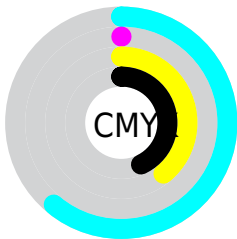
Distribution



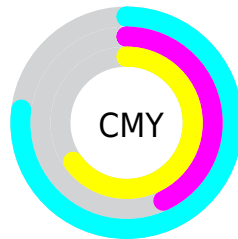
- Red (22%)
- Green (57%)
- Blue (35%)



- Red (22%)
- Yellow (48%)
- Blue (57%)



- Cyan (61%)
- Magenta (0%)
- Yellow (39%)
- Black (43%)





- Cyan (77%)
- Magenta (43%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 45.254, 150.779 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 54, 45.254, 150.779 by changing the saturation by 10% instead.


 54, 45.254,
150.779


 54, 45.254,
150.779


 100, 45.254,
150.779


 44, 45.254,
150.779


 74, 45.254,
150.779

 34, 45.254,
150.779

 84, 45.254,
150.779

 24, 45.254,
150.779

 94, 45.254,
150.779

 14, 45.254,
150.779

 4, 45.254, 150.779

 0, 45.254, 150.779

■ 54, 45.254,
150.779

■ 54, 45.254,
150.779

■ 53, 51.483,
149.206

■ 55, 38.458,
152.166

■ 53, 57.038,
147.447

■ 56, 31.220,
153.383

■ 53, 61.856,
145.518

■ 57, 23.676,
154.449

■ 53, 65.857,
143.688

■ 58, 15.951,
155.386

■ 59, 8.159, 156.224

■ 60, 0.389, 157.644

■ 62, 7.285, 337.526

■ 63, 14.813,
338.129

■ 65, 22.157,
338.662

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54, 45.254, 150.779



38, 45.779, 342.319

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54, 45.254, 150.779



54, 45.254, 200.779



54, 45.254, 330.779



54, 45.254, 20.779

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54, 45.255, 150.779



74, 17.315, 155.573



56, 49.086, 120.731



38, 11.994, 155.343



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 45.255, 150.779



68, 65.194, 148.526



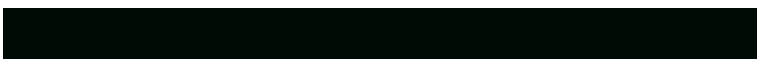
55, 29.513, 181.630



31, 4.444, 156.328



50, 63.145, 143.803



2, 3.880, 156.957

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38, 45.779, 342.319



46, 64.354, 344.231



37, 39.936, 16.246



29, 4.474, 337.563



30, 56.526, 349.096



1, 3.881, 336.949

Previews

White Background



This preview shows how the CIELCh color 54, 45.254, 150.779 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 54, 45.254, 150.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

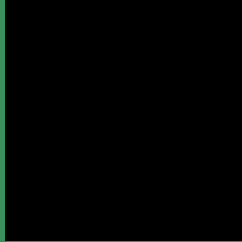
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 45.254, 150.779

Background



This preview shows how black text looks on a background with the CIELCh color 54, 45.254, 150.779.



This preview shows how white text looks on a background with the CIELCh color 54, 45.254, 150.779.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54, 45.254, 150.779

Protanopia

54, 26.726, 95.211

Deuteranopia

54, 21.289, 70.778



Tritanopia
54, 21.005, 215.347

Trichromacy



Original Color
54, 45.254, 150.779



Protanomaly
53, 29.603, 127.051



Deuteranomaly
53, 22.925, 121.466



Tritanomaly
54, 26.167, 178.791

Monochromacy



Original Color
54, 45.254, 150.779



Achromatopsia
48, 0.006, 296.813



Achromatomaly
49, 17.846, 154.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 45.254, 150.779 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(57, 145, 89)` looks like.

```
.text, #text, p{  
    color:rgb(57, 145, 89)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(57, 145, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 145, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 45.254, 150.779 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 145, 89) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(57, 145, 89) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(57, 145, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 145, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 145, 89);  
box-shadow:4px 4px 4px 4px rgb(57, 145,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 45.254, 150.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 145, 89) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(57, 145,  
89) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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